

Title (en)

Replaceable cartridge module for a surgical stapling and cutting instrument

Title (de)

Austauschbares Einsatzmodul für eine chirurgische Heft- und Schneidvorrichtung

Title (fr)

Module de cartouche échangeable pour un instrument chirurgical d'agrafage et de coupe

Publication

**EP 1550409 A1 20050706 (EN)**

Application

**EP 04258082 A 20041223**

Priority

US 53290803 P 20031230

Abstract (en)

A surgical instrument (20) adapted for stapling and cutting tissue in a highly controlled manner, comprising: a frame having a proximal end and a distal end, with a handle (21) positioned at the proximal end and an end effector (80) positioned at the distal end; the end effector includes a U-shaped supporting structure (81) shaped and dimensioned for selectively receiving a cartridge module (120) containing a plurality of surgical fasteners and a knife (126); a firing mechanism associated with the end effector and the cartridge module for selective actuation of the surgical fasteners and knife for treatment of an individual; the cartridge module includes a cartridge housing (121) in which the surgical fasteners and knife are housed and an anvil (122) shaped and dimensioned for engagement with the surgical fasteners and knife to facilitate cutting and stapling, the cartridge housing and anvil being relatively movable between a first spaced apart position and a second position in close approximation with one another. <IMAGE>

IPC 1-7

**A61B 17/072**

IPC 8 full level

**A61B 17/3211** (2006.01); **A61B 17/04** (2006.01); **A61B 17/068** (2006.01); **A61B 17/072** (2006.01); **A61B 17/115** (2006.01); **A61B 17/00** (2006.01); **A61B 19/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

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